GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:3006
ANSWERED ON:10.08.2000
INSTALLED CAPACITY OF NCES
SAHIB SINGH VERMA

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the names of the States which are rich in generating wind power and the position of wind power in comparison with Hydro, Thermal and Nuclear Power;

(b) whether the wind power is comparable in terms of cost of production, transmission, distribution with other type of power;

(c) the details of the present installed capacity of Non Conventional Energy, State-wise in public and private sector; and

(d) the expected increase in the next five years?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE), (SHRI M. KANNAPPAN)

(a) The States of Tamil Nadu, Gujarat, Maharashtra, Andhra Pradesh, Karnataka, and Madhya Pradesh have emerged as potential States for wind power generation on the basis of wind resource assessment studies carried out so far. A wind power capacity of 1183 MW has been installed as against 23816 MW, 70186 MW and 2680 MW of Hydro, Thermal and Nuclear capacity respectively.

(b) The levelised cost of wind power generation is quite comparable with conventional power, taking into account various fiscal and promotional incentives available for wind power projects.

(c) A Statement on State-wise installed capacity of Non Conventional Energy Power Projects in public and private sector, is given in the Annexure.

(d) The target for power generation from NCES for the 9th Plan is 1685 MW. The target for the next Plan period is yet to be finalised.

Annexure referred to in reply to part (C) of Lok Sabha Unstarred Question no. 3006 for 10.08.2000 regarding installed capacity of NCES.

STATE-WISE INSTALLED CAPACITY OF NON-CONVENTIONAL ENERGY POWER PROJECTS (as on 31.03.2000)

Sl. no.	State	Public Sector (MW)	Private Sector (MW)
1	Andhra Pradesh	12.8	-12.8
2	Arunachal Pradesh	0.0	0.0
3	Assam	0.0	0.0
4	Bihar	0.0	0.0
5	Goa	0.0	0.0
6	Gujarat	17.3	-17.3
7	Haryana	0.0	0.0
8	Himachal Pradesh	0.0	0.0
9	Jammu & Kashmir	0.0	0.0
10	Karnataka	7.3	-7.3
11	Kerala	2.0	-2.0
12	Madhya Pradesh	0.6	-0.6
13	Maharastra	11.0	-11.0
14	Manipur	0.0	0.0
15	Meghalaya	0.0	0.0
16	Mizoram	0.0	0.0
17	Nagaland	0.0	0.0
18	Orissa	0.0	0.0
19	Punjab	0.0	0.0
20	Rajasthan	2.0	-2.0
21	Sikkim	0.0	0.0
22	Tamil Nadu	19.4	-19.4
23	Tripura	0.0	0.0
24	Uttar Pradesh	0.0	0.0
25	West Bengal	0.0	0.0

26	Andaman & Nicobar	0.0	0.0
27	Chandigarh	0.0	0.0
28	Dadar & Nagar Haveli	0.0	0.0
29	Daman & Diu	0.0	0.0
30	Delhi	0.0	0.0
31	Lakshwadeep	0.0	0.0
32	Pondicherry	0.0	0.0
33	Others	1.6	-1.6